

Patent Abstracts of Japan

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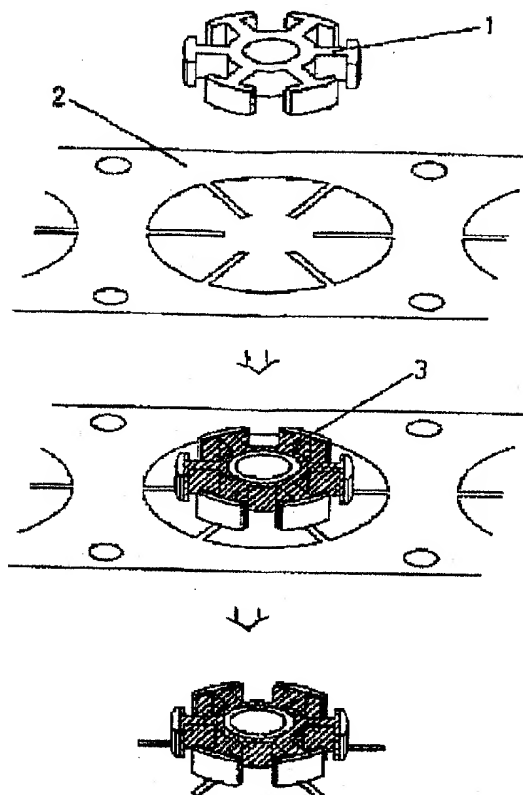
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TITLE : BRUSHLESS MOTOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a small-sized, high-output, and high-accuracy stator core by integrally forming the stator core by molding a core made of a magnetic material and a terminal block composed of a metallic sheet with an insulating resin while the terminal block is put on the lower section of the salient pole of the core.

SOLUTION: A stator core 1 is constituted by integrally molding the core 1 and a terminal block 2 made of a metallic sheet with an insulating resin 3 while the block 2 is put on the lower section of the salient pole of the core 1. Therefore, a small-sized core 1 and, as a result, a small-sized motor can be obtained, because it becomes unnecessary to provide a space for fitting terminal pins in the inner peripheral section of the core 1. In addition, the terminal section can be manufactured easily by a pressing technique, since the metallic sheet is used and, when the core and block 2 are integrally molded with the resin in addition to the use of the thin plate for the block 2, the core 1 with terminal can be manufactured easily and continuously.

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